



icom®



AIR. LAND. SEA.



First responders, law enforcement and EmComm units choose Icom for Avionic, Marine, Amateur, and Land Mobile two-way radio solutions. Icom radios provide advanced emergency functionality, rugged MIL-STD construction, and the necessary radio system features to manage mission critical situations. For customizable systems, Icom America Systems designs, builds and implements communications solutions of all sizes and capacities.

Avionics

Panel mount radios help coordinate pilot and ground crew communications. Handheld radios are essential in any flight bag or vehicle. Icom's VHF air band transceivers are easy to use and military-tough.



A25 NAV / COM

- Two versions- NAV / COM and COM only
- Powerful 6 Watts
- Large 2.3-in LCD display
- Flip FloP PLUS channel recall
- Built-in Bluetooth®, GPS and VOR for NAV / COM version
- Dedicated 121.5MHz emergency key
- Sport version available



A25C - COM

A25N - NAV / COM



A120 SERIES

Aircraft Mobile / Ground Crew Base Station

- Mobile for rescue vehicle or base station
- 8.33 / 25kHz channel spacing
- 200 channels, LCD dot-matrix display
- IP54 dust and water resistant rating
- Mounting bracket included



A16 COM

- 8.33 / 25 kHz channel spacing
- Powerful 1500 mW audio
- 6 W (PEP) / 1.8 W (carrier)
- Compact, waterproof, durable (IP67 / IP54 and MIL-STD-810-G)
- Backlight LCD and key pad
- Bluetooth® version available



X-BAND

Bridge Between Land and Air

- VHF / UHF / Air Band capable
- AC to DC auto select, 220 / 110 / 12V capable
- Use as a dual base unit

Marine



M93D

Rescue Personnel

- 5W output power
- Built in GPS
- Built-in Class D DSC
- IPX7 waterproof rating
- Integrated GNSS
- AquaQuake™ draining



M85

Rescue Personnel

- 5W output power
- IS version available
- 700mW audio
- FCC approved for marine and land mobile use
- Internal VOX capable



IP67

A VHF marine radio is a critical component of any water-deployed first responder. Access emergency features and DSC at the helm or in the palm of your hand. Intuitive operation and IPX7 (or greater) waterproof construction are standard with every Icom AIS and marine transceiver.



M506 w/optional COMMANDMICIV™

- Channel 9 / 16 + 1 monitoring
- Remote operation capable (two locations)
- Integrated AIS receiver
- Built-in Class D DSC
- Optional HM-195-B
- NMEA award winner



M605

- Bright color screen
- Built-in GPS
- IPX8 Waterproofing
- NMEA 2000™ and NMEA 0183 connectivity
- Remote head options available
- NMEA award winner



M330

- Feature rich, ultra compact
- Clear audio with noise cancelling (ANC)
- AquaQuake™ draining
- Class D DSC and dedicated CH 70
- Built-in GPS receiver with GPS antenna
- Available in black and white



MA-500TR AIS

- Large full dot-matrix display
- Interfaces with radios for DSC calls
- Shows real-time vessel information
- Integrated AIS receiver

Amateur

When natural and man made catastrophes disable power grids and cell towers, amateur radio delivers crucial emergency communications and system redundancy. Handheld transceivers and mobile radios offer reliable operation for field units on the go. HF rigs offer wide range communication from a centralized location. EmComm units rely on Icom for D-STAR digital, HF, and analog radios to coordinate disaster relief and public safety efforts. All Icom radios are factory certified, Mil-Spec and feature loud audio, flexible installation and easy operation.



ID-4100A

Compact Rescue Vehicle

- 50W, 2m / 70cm mobile
- Remote head

D-STAR ready



IC-5100A

Ultimate Comms Van

- 50W, 2m / 70cm
- Integrated GPS
- Touch screen remote head
- CrossBand repeat

D-STAR ready



ID-51A PLUS2

Rescue Personnel

- 5W, 2m / 70cm portable
- High capacity Li-Ion battery
- IPX7 waterproof rating

D-STAR ready



IC-7100

Comms Van

- HF / 6m / 2m / 70cm
- 100W / 100W / 50W / 35W
- Mobile or base station

D-STAR ready





IC-9700

Emergency Operations Center

- 2m / 70cm / 23cm DV / DD operation
- 100W on 2M / 75W on 70CM / 10W on 23cm
- RX on two bands simultaneously

D-STAR ready



IC-7300

Emergency Operations Center

- HF / 6m all-mode transceiver
- RF direct sampling
- Base station

D-STAR optional



IC-V86

Rescue Personnel

- 7W, 2m / VHF
- 1.5W AF output
- IP54 / MIL-STD-810G
- 2250mAh Li-Ion battery
- BNC connector



ANALOG



IC-2730A

Ultimate Comms Van

- 50W, 2m / 70cm mobile
- Remote head or base station
- Loud audio
- CrossBand repeat



Land Mobile

For emergencies and routine operations, Icom two-way radio systems provide imperative communications between law enforcement, hospitals and local/state/federal public safety agencies.



F3400D / F4400D SERIES

Rescue Personnel

- 5W NXDN™ digital / analog
- Single-site / multi-site conventional / trunking capable
- IP68 protection
- Built-in Bluetooth®
- Active Noise Cancelling (ANC)
- Audio equalization

VE-PG3

RoIP Gateway



- Interconnect between IP phone, analog phone, and radio networks
- Cross band, cross category connection

VE-PG4

Radio Over IP



- LTE connection for IP backbone
- Integrated controller, SIP / IP phone, AMBE +2 vocoder
- Voice recorder and WAN / LAN port



F1100 / F2100 SERIES

Rescue Personnel

- 4 / 5W IDAS™ portable
- Basic, simple display or keypad versions
- IP67 waterproof
- 16 or 128 channels, includes 4 emergency functions



F5400D / F6400D SERIES

Rescue Center Personnel

- 50W / 40W NXDN™ digital / analog
- Single-site / multi-site conventional / trunking capable
- Dual-head compatibility
- Audio equalization
- Voice storage



FR5000 / FR6000

- IDAS™ Multi-site conventional
- 50W at 50% duty cycle
- 25W at 100% duty cycle

F8101

ALE

- HF operation
- Automatic Link Establishment (ALE)
- Antenna packages available (AH-740 shown)



Icom America is a top-tier provider for major freight and transit railroads throughout the Western Hemisphere. Class One railroads rely on Icom to provide robust radios and systems to satisfy client needs to operate nationwide.

Some of the largest transit railroads in the United States use our advanced IDAS™ technology to offer reliable wide-area coverage to maintain critical communications that make sure trains run safely and on-time.

Icom technology meets the challenge of operating in all forms of rail operation and this same spirit carries over to our entire product line.

F7000 SERIES

Rescue Center Personnel



- VHF, UHF & 7/800 MHz
- 5W (VHF/UHF), 3W (7/800)
- P25 Phase 1 conventional
- P25 Phase 1 trunking and Phase 2 trunking optional licenses
- FIPS AES/DES encryption options
- Over-the-Air Rekeying (OTAR)
- Sharp color LCD screen
- IP68 waterproof
- Built-in GPS
- Voice storage
- Bluetooth®



F9011 / F9021 SERIES

w/optional Redhawk Mic

Rescue Center Personnel

- 6W P25 / analog
- P25 conventional/analog
- P25 trunking option
- Encryption button and three-position zone select switch
- AES / DES encryption with OTAR



F7500 SERIES

Rescue Center Personnel

- VHF, UHF & 7/800 MHz
- 50W (VHF), 45W (UHF), 30/35W (7/800)
- P25 Phase 1 conventional
- P25 Phase 1 trunking and Phase 2 trunking optional licenses
- FIPS AES/DES encryption options
- Over-the-Air Rekeying (OTAR)
- Active noise cancelling
- USB connection to PC
- Military rugged spec
- Multiple controller configurations



F9511 / F9521 SERIES

Comm Van / Rescue Center Personnel

- 50W or 110W
- P25 conventional/analog
- P25 trunking option
- AES/DES encryption with OTAR
- Dual head option

P25 REPEATER



ECLIPSE2

- Autosensing P25 conventional / analog
- 2W-150W (VHF) 2-120W (UHF) at 100% duty cycle
- Modular hot swappable design
- IP firmware and software updating capability
- Remote diagnostics over ethernet

Systems

Whether your public safety needs are avionics, amateur, marine, or land mobile, Icom America Systems (IAS) can provide custom builds and solutions for your radio infrastructure. IAS designs, assembles, and installs trunked or conventional packages that can cover a wide range of applications and areas.

Customer-owned systems offer fixed costs, greater privacy, and optional independence from the public power grid.

The IAS 150DV/120DU IDAS™ digital and analog capable repeaters operate 150W (VHF) or 120W (UHF) at 100% duty cycle. It's a foundation for a custom build and Icom can personalize system builds for your needs.



Network

Satellite PTT (Push-To-Talk) is a two-way radio system that uses the Iridium® satellite network. It can be used as a communication tool in remote, isolated areas where there are no mobile phones or landline network infrastructure. Even if terrestrial network infrastructure is rendered unusable by human or natural disasters, Satellite PTT can provide a stable back-up, independent from other networks.

Unlike satellite phones, IC-SAT100 users can immediately start talking to all the radios in the same talkgroup, with just a push of the transmit (PTT) button.



**One-to-Many
Global Communications
with Just a Push of a Button**

IC-SAT100 **Satellite PTT**

- Total global coverage*
- Built-in emergency key
- 1500 mW powerful audio
- IP67 Waterproof, durable body
- Long lasting battery life
- Short data message function
- AES 256-bit encryption for security

*Depending on the country or region, carrying and/or use of the IC-SAT100 may be prohibited.

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